

19971026.qrp v00\_n890.qrs.971026

Date: Sun, 26 Oct 1997 19:03:15 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 890

QRP-L Digest 890

Topics covered in this issue include:

- 1) [29627] Armadillo Chase  
by "Owen 'OJ' Quarles" <k1oj@swbell.net>
- 2) [29628] Re: FYBO wx...'Snowed in' ...CO  
by kt3a@juno.com
- 3) [29629] New FCC fm 610 in Jan 98.  
by kt3a@juno.com
- 4) [29630] Re: Nothing Better to Do  
by kt3a@juno.com
- 5) [29631] Re: FYBO wx...'Snowed in' ...CO  
by Joe Gervais <vole@primenet.com>
- 6) [29632] Re: DDDR/LOOP and SLOT Antenna Question  
by frussle@erols.com (Jake Brodsky)
- 7) [29633] Re: FOX N/T+ Monday  
by dhlaute@juno.com (David H. Lauten)
- 8) [29634] Digitrex 40/10 meter ssb/cw rig  
by Jim W7LS <w7ls@brigadoon.com>
- 9) [29635] N7VE Visual SWR Indicator  
by Bob Hightower <ki7mn@dancris.com>
- 10) [29636] Norcal Paddles  
by Bob Hightower <ki7mn@dancris.com>
- 11) [29637] Re: Nothing Better to Do  
by Monte Stark <ku7y@sage.dri.edu>
- 12) [29638] Microsoft Acquisition  
by ko7i@juno.com (Donald H Jones)
- 13) [29639] Benelux QRP Club Home Page  
by pa3asc@xs4all.nl (Mike Perry)
- 14) [29640] Re: Microsoft Acquisition  
by Monte Stark <ku7y@sage.dri.edu>
- 15) [29641] Re: Digitrex 40/10 meter ssb/cw rig  
by K5BDZ@aol.com
- 16) [29642] Re: 1SS101? diode  
by K5BDZ@aol.com
- 17) [29643] SST VXO Range (Thanks W6RCL!)  
by camqrp@cyberg8t.com (Cam Hartford)
- 18) [29644] Re: Digitrex 40/10 meter ssb/cw rig  
by PDouglas12@aol.com
- 19) [29645] Wilderness Email

- by "Jeff M. Gold" <JMG@tntech.edu>
- 20) [29646] FS:Omni C (loaded)  
by "Vernon A. Hatley" <vhatley@flash.net>
- 21) [29647] 31 issues of 5 Watter for Trade  
by "Bruce C. Williams" <n9jcv@wwa.com>
- 22) [29648] Dillo  
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 23) [29649] Audio Filters  
by "HB Electronics (Bob Berlyn)" <hb\_elec@ids.net>
- 24) [29650] NorCal Paddles/magnet bolts  
by doug hauff <slmachco@fix.net>
- 25) [29651] FF paddle paint  
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 26) [29652] QRP Rigs for Sale  
by "Steven Pituch" <n2mnn@spacegate.com>
- 27) [29653] Daylight Savings -> Standard time  
by Hank Kohl K8DD <k8dd@contesting.com>
- 28) [29654] Re: Daylight Savings -> Standard time  
by aa8yo@tir.com (Bob Fox)
- 29) [29655] Re: Daylight Savings -> Standard time  
by w4bws@juno.com (Donald E Sanders)
- 30) [29656] Attic roof antenna loops & twirls & old radio stuff  
by NilsBull@aol.com
- 31) [29656] Re: Daylight Savings -> Standard time  
by Sandy W5TVW <ebjr@worldnet.att.net>
- 32) [29657] Answer to: Anyone know Part# for Yaesu AMP/Molex?? Power connector.??  
by SNickrand@aol.com
- 33) [29658] 10 meters over the weekend (25 October)  
by wa5whn@juno.com
- 34) [29659] Propagation is not from Alaska  
by "Jim, Nancy, Juliann, and Issei" <larsennc@alaska.net>
- 35) [29660] DD-1  
by "Royce Rainwater" <ke5tc@cwis.net>
- 36) [29661] TESTING DOUBLE-ZEPP TONITE  
by ARDUJENSKI@aol.com
- 37) [29662] Omni C SOLD  
by "Vernon A. Hatley" <vhatley@flash.net>
- 38) [29662] QSL cards  
by Martin Squicciarini <skitch@resuba.com>

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Date: Sat, 25 Oct 1997 18:35:40 -0500  
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>  
To: qrp-l@Lehigh.EDU  
Cc: CQCLIST <cqclist@lists.csn.net>  
Subject: [29627] Armadillo Chase  
Message-ID: <3452824C.50C1@swbell.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Start time is Sunday afternoon.....3pm CST...CU there...  
OJ  
..

-----  
OWEN'OJ'QUARLES <k1oj@swbell.net>  
HOUSTON, TEXAS QRP-L #732  
ARCI #9492 AR QRP #64 CQC #476  
CW OR CB, ITS YOUR CHOICE!

-----  
Date: Sat, 25 Oct 1997 21:31:18 EDT  
From: kt3a@juno.com  
To: vole@primenet.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [29628] Re: FYBO wx...'Snowed in' ...CO  
Message-ID: <19971030.004857.5327.1.kt3a@juno.com>

Now I thought the "9 bander" was the Ten Tec Shortwave receiver kit! ;-)

Cameron C.R. Bailey <><  
Amateur Radio, KT3A  
kt3a@juno.com  
Mount Wolf, Pennsylvania

-----  
Date: Sat, 25 Oct 1997 21:31:18 EDT  
From: kt3a@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [29629] New FCC fm 610 in Jan 98.  
Message-ID: <19971030.004858.5327.3.kt3a@juno.com>

Just for your info. From the ARRL list.

The FCC has announced that a new Form 610 will be required of all amateur  
license applications beginning January 1, 1998.

While the new form may be used immediately, neither FCC nor the ARRL has

had an opportunity to get a pre-printed supply on hand. Both FCC and ARRL will need about 30 days to do so.

In the mean time, FCC does make the form available via the internet web site  
and via fax on demand as follows:

<http://www.fcc.gov/formpage.html>

or

<ftp://ftp.fcc.gov/pub/Forms/Form610/>

or by fax at 202-418-0177 (request Form 000610)

In late November, the ARRL/VEC will be sending supplies of Forms 610 to its  
ARRL VE Teams.

73,

Bart J. Jahnke, W9JJ  
Manager  
ARRL/VEC

forwarded by:  
Cameron C.R. Bailey <><  
Amateur Radio, KT3A  
kt3a@juno.com  
Mount Wolf, Pennsylvania

-----  
Date: Sat, 25 Oct 1997 21:31:18 EDT  
From: kt3a@juno.com  
To: jaevans@codenet.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [29630] Re: Nothing Better to Do  
Message-ID: <19971030.004858.5327.2.kt3a@juno.com>

Sounds like perfect conditions for those "Stealth Antennas" forbidden  
by covenants and restrictions.....

Cameron C.R. Bailey <><  
Amateur Radio, KT3A  
kt3a@juno.com

Message-ID: <199710260251.TAA05887@usr08.primenet.com>

Howdy,

Cameron (KT3A) wrote:

>

> Now I thought the "9 bander" was the Ten Tec Shortwave receiver kit! ;-)

Nope, but I'm willing to bet you could fit one inside the critter. Sure would be one of the more unique enclosures out there. Kinda puts an Altoids box to shame. ;-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

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Date: Sun, 26 Oct 1997 02:51:19 GMT

From: frussle@erols.com (Jake Brodsky)

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [29632] Re: DDDR/LLOOP and SLOT Antenna Question

Message-ID: <3452ad56.3606980@smtp.erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: quoted-printable

On Thu, 23 Oct 1997 14:17:05 -0700, we6w wrote:

>In transmitting short loops and the Double loop DDDR Design  
>it is important to minimize losses on the element by using  
>an extremely low resistance, large conductor. After much=20  
>thinking, it seems the 2-loop DDDR may be a very early,  
>and accidental application of the SLOT ANTENNA.

>

>Has anyone investigated this? It seems to me that the  
>double element is driven across the slot, at the match point  
>which satisfies one slot antenna criteria.

>

>I am thinking of building a vertical loop slot antenna for  
>the 10 meter band to investigate it's properties.

>

>Anyone done any work on this? Any help out there? Comments?

Ed, folks have been discussing this on rec.radio.amateur.antenna about a year to two years ago when I posed the DDDR question to the NG. Look

back about a year or so ago (try dejanews). =20

The bottom line is this: If you were to build a loaded loop of the same size with the same degree of care as they keep suggesting for the DDRR and other flavors of its ilk, it too would have good radiation characteristics. In fact, a loop might even be better. =20

I remain unconvinced that this antenna could ever be an \*improvement\* compared to a similarly constructed loop of the same size. However, I'm always open to experimental evidence. Please post your results to QRP-L and r.r.a.a if you decide to go forward with this. =20

72,

DE AB3A

-----  
Date: Sat, 25 Oct 1997 23:24:48 EDT  
From: dhlauten@juno.com (David H. Lauten)  
To: QRP-L@Lehigh.EDU  
Subject: [29633] Re: FOX N/T+ Monday  
Message-ID: <19971025.200710.7687.3.DHLAUTEN@juno.com>

Dear QRP Hounds,

On Tuesday, October 28 0200 - 0400 UTC (Monday, October 27 from 9:00 - 11:00 EST) I will be the N/T+ FOX.

I will start on 7115 and work between 7112 - 7120.

I will run a HW-9 into a 33 foot ground mounted vertical with 24 radials.

I look forward to the Hunt.

72 de David Lauten, KF4HAW  
Conway, SC (near Myrtle Beach)

-----  
Date: Sat, 25 Oct 1997 20:35:15 -0700 (PDT)  
From: Jim W7LS <w7ls@brigadoon.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29634] Digitrex 40/10 meter ssb/cw rig

Message-ID: <199710260335.UAA09456@k2.brigadoon.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

No, no, it's not a new kit. Easy, easy! Man, I feel like a lion tamer with a whip and a chair!

I picked up an interesting qrp rig at a local fleamarket. It is made by Digitrex. Well, it WAS made by Digitrex, anyway. The prints in the book are dated 1987. It is a 40 or 10 meter transceiver, cw and ssb. Covers 7.000-7.500 with a digital display to 100 Hz resolution. There is a mod in the book to flip the local oscillator from a high-side to a low side, which converts it from the normal 40 meter configuration to a 10 meter rig. It is a factory specified mod, too.

The rig is white and blue, with silkscreened front and rear panels. Professionally done cabinet. No scratches.

Output power is variable from virtually zero to 10 watts. Draws 120 mA on receive and 3.5 A on transmit.

SSb filter is 2.1 KHz. CW filter is 150 Hz (!)

So, anyone know anything about these rigs? Anyone have one?

Tnx/73 de Jim, W7LS

-----  
Date: Sat, 25 Oct 1997 20:38:30 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29635] N7VE Visual SWR Indicator  
Message-ID: <199710260338.UAA18553@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

There has been some discussion of Dan's visual SWR indicator on the list. I have the schematic and some text on it that Dan provided on my web page. Go to <<http://www.dancris.com/~ki7mn/n7veswr.htm>> to see it.

If you don't have web capability, you can e-mail Dan at [tayloe\\_d@juno.com](mailto:tayloe_d@juno.com), or myself, and I can e-mail you the gif file. It is 14K+, so be aware that it is a large file.

73,  
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.  
33.334500N -111.87260W



<http://www.dancris.com/~ki7mn>

WIMPS: QS0's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=7

-----  
Date: Sat, 25 Oct 1997 20:40:35 -0700 (MST)  
From: Bob Hightower <ki7mn@dancris.com>  
To: qrp-l@Lehigh.EDU  
Subject: [29636] Norcal Paddles  
Message-ID: <199710260340.UAA18674@dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have finished assembly of my Norcal paddles, and want to offer one suggestion:

when inserting the screws that are next to the magnet, the instructions say to insert them with the heads toward the magnet. I find that, by inserting them with the heads away from the magnet, and using the lock nut provided, I can adjust the 'feel' of the paddle by changing the gap between the screw and the magnet, thus increasing or decreasing the magnetic pull.

Works for me.

73,  
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.  
33.334500N -111.87260W  
<http://www.dancris.com/~ki7mn>  
WIMPS: QS0's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=7

-----  
Date: Sat, 25 Oct 1997 21:12:18 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Marshall Emm <mgemm@mtechnologies.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [29637] Re: Nothing Better to Do  
Message-ID: <Pine.SUN.3.90.971025211122.15706A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 25 Oct 1997, Marshall Emm wrote:

> >>I live in Calif...What's snow?  
> <<  
>  
> You'll find out. All Californian's eventually move to CO, they tell  
> me.

Hot Dog, that means there gonna leave Nevada!!! Wheeeeeee

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Sun, 26 Oct 1997 00:36:26 EDT  
From: ko7i@juno.com (Donald H Jones)  
To: qrp-l@Lehigh.EDU  
Subject: [29638] Microsoft Acquisition  
Message-ID: <19971025.213344.10287.0.ko7i@juno.com>

Subject: Microsoft to buy the U.S. Government

REDMOND, Wash. - Oct. 23, 1997 -- In direct response to accusations made by the Department of Justice, the Microsoft Corp. announced today that it will be acquiring the federal government of the United States of America for an undisclosed sum.

"It's actually a logical extension of our planned growth", said Microsoft chairman Bill Gates, "It really is going to be a positive arrangement for everyone."

Microsoft representatives held a briefing in the oval office of the White House with U.S. President Bill Clinton, and assured members of the press that changes will be "minimal." The United States will be managed as a wholly owned division of Microsoft. An initial public offering is planned for July of next year, and the federal government is expected to be profitable by "Q4 1999 at latest", according to Microsoft president Steve Ballmer.

In a related announcement, Bill Clinton stated that he had "willingly and enthusiastically" accepted a position as a vice president with Microsoft, and will continue to manage the United States government, reporting

directly to Bill Gates. When asked how it felt to give up the mantle of executive authority to Gates, Clinton smiled and referred to it as "a relief." He went on to say that Gates has a "proven track record", and that U.S. citizens should offer Gates their "full support and confidence." Clinton will reportedly be earning several times the \$200,000 annually he has earned as U.S. president, in his new role at Microsoft.

Gates dismissed a suggestion that the U.S. Capitol be moved to Redmond as "silly", though did say that he would make executive decisions for the U.S. government from his existing office at Microsoft headquarters. Gates went on to say that the House and Senate would "of course" be abolished. "Microsoft isn't a democracy", he observed, "and look how well we're doing."

When asked if the rumored attendant acquisition of Canada was proceeding, Gates said, "We don't deny that discussions are taking place." Microsoft representatives closed the conference by stating that United States citizens will be able to expect lower taxes, increases in government services and discounts on all Microsoft products.

Disgruntled ex-employee, Janet Reno, has filed a complaint with the Federal Employment Review Commission.

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#### About Microsoft

Founded in 1975, Microsoft (NASDAQ "MSFT") is the worldwide leader in software for personal computers, and democratic government. The company offers a wide range of products and services for public, business and personal use, each designed with the mission of making it easier and more enjoyable for people to take advantage of the full power of personal computing and free society every day.

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#### About the United States

Founded in 1789, the United States of America is the most successful nation in the history of the world, and has been a beacon of democracy and opportunity for over 200 years. Headquartered in Washington, D.C., the United States is a wholly owned subsidiary of Microsoft Corporation.

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I figured I would warn everyone, and recomend they sell their Microsoft Stock, As It is going to take a dive. :-)

Hi Hi 72 de Don K07I

-----  
Date: Sun, 26 Oct 1997 09:43:29 +0100 (CET)  
From: pa3asc@xs4all.nl (Mike Perry)  
To: qrp-1@Lehigh.EDU  
Subject: [29639] Benelux QRP Club Home Page  
Message-ID: <199710260843.JAA24743@smtp2.xs4all.nl>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,  
Hope you allow me to take a little bandwidth to mention the  
Benelux QRP Club. The Club began its existence in 1975  
and now has around 550 members in Holland, Belgium and  
Luxemburg? There's more info on the Club's new home page  
at : <<http://www.xs4all.nl/~pa3asc>>  
Cheers es 72

--  
Best regards from The Netherlands,  
Mike Perry. [e-mail :- pa3asc@xs4all.nl ]

-----  
Date: Sat, 25 Oct 1997 22:04:34 -0700  
From: Monte Stark <ku7y@sage.dri.edu>  
To: ko7i@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [29640] Re: Microsoft Acquisition  
Message-ID: <3452CF62.2EA3@sage.dri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hmmmmmm,

That'll teach little BillyBob to go around selling the White House!

: -)

--  
73, Ron

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M

QRP QRCI #8829----NorCal #330----QRP-L #17-----ARS #49  
AR QRP #150-----DM09cg-----New Washoe City, NV

-----  
Date: Sun, 26 Oct 1997 08:53:45 -0500 (EST)  
From: K5BDZ@aol.com  
To: w7ls@brigadoon.com, qrp-l@Lehigh.EDU  
Subject: [29641] Re: Digitrex 40/10 meter ssb/cw rig  
Message-ID: <971026085345\_-1158928102@mrin41.mail.aol.com>

I'm somewhat familiar with digitrex, but not that particular rig. I bought one of their multiband kits with digital readout they announced at Dayton about 6 years ago. Mine was one of very few delivered as I understand it.

It was made, tested, and still sits on the shelf as a collectors item paper weight.

I also have three working MLX mini's (80,40, 20 meters) sitting on the collectors shelf. Remember them?

Bill, K5BDZ

-----  
Date: Sun, 26 Oct 1997 08:57:44 -0500 (EST)  
From: K5BDZ@aol.com  
To: jskalski@acsu.buffalo.edu, qrp-l@Lehigh.EDU  
Subject: [29642] Re: 1SS101? diode  
Message-ID: <971026085744\_1790379162@mrin43.mail.aol.com>

If you are wanting to replace with US silicon, a 1N916 is a low capacitance unit that in all likelihood has the voltage rating. If you want to change to germanium for low power rating sensitivity, the 1N270 (US270) has a 120 volt rating.

If all else fails, I have both.

Bill, K5BDZ

-----  
Date: Sun, 26 Oct 1997 07:30:15 -0800 (PST)  
From: camqrp@cyberg8t.com (Cam Hartford)  
To: qrp-l@Lehigh.EDU  
Cc: svecbrdk@well.com (L.Svec,W.Burdick), Alan Kaul <kaul@netcom.com>  
Subject: [29643] SST VX0 Range (Thanks W6RCL!)  
Message-ID: <199710261530.HAA26926@key.cyberg8t.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang -

Sorry for being slow on the draw here, but sometimes the digests just pile up. It was Alan Kaul, W6RCL, who gave me the idea for using the Japanese wide-Range VX0 in the SST.

In stock form, my 20 meter SST tuned about 16 KHz. Alan sent me one of the postings from QRP-L that he had collected on the subject of the wide range VX0, so I thought I'd give it a try.

I sent off to Mouser for a couple 18 MHz crystals and several small molded chokes like the ones used in the SST. I got a variety of small values so I could use them singly and in series to get small steps from 1 to 10 uH.

At this point I'll leave out lots of gory details about hundreds of different crystal/inductor combinations except to say that with the two Mouser crystals in parallel and the original 6.8 uH inductor in the circuit, the tuning range was about 70 KHz! This was way too much range for a one-turn pot, and the thing was drifty.

Wilderness was kind enough to send along two different varactors with the kit, an MVAM108 and an MV209, so we could choose different frequency ranges. I ended up using both. My rig is now configured like this - 1) A toggle switch on the front panel to chose between the two varactors; 2) two of the Mouser crystals in parallel (one in the original X6 board location, the second one tacked soldered on the bottom of the board parallel to the first); and 3) the final value of RFC 3 is 4.8 uH.

This configuration gives the following frequency coverage range - Lo position, 14.026 to 14.058, and Hi position, 14.056 to 14.070. I could have gone with a little more inductance and covered 14.000 to 14.070, but this is a bit much for only two turns of the tuning pot. As an example, a 5.6 uH inductor gave tuning ranges of 13.982 to 14.047 and 14.039 to 14.065, respectively.

The downside is that it does drift more than a normally configured VX0. I haven't done extensive drift tests, but a quick check reveals the following: in the Lo position, which pulls the crystals farther from their design frequency, it drifts about 200 Hz in the first twenty minutes, but is fairly stable from then on. The High position, which covers frequencies much nearer the crystal frequency, shows only about 60 Hz drift from startup.

All of which suggests that the range can be extended quite a bit by using two parallel crystals. The tradeoffs are increased drift, along with a greater range to be handled by a one-turn pot. Miniature ten-turn pots, anyone?

72/73,

Cam N6Ga

-----  
Date: Sun, 26 Oct 1997 10:46:00 -0500 (EST)  
From: PDouglas12@aol.com  
To: w7ls@brigadoon.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [29644] Re: Digitrex 40/10 meter ssb/cw rig  
Message-ID: <971026104113\_-1091951700@emout08.mail.aol.com>

Hi Jim,  
I had two Digitrex rigs, one of 40 and one one 20 meters. They were a lot of fun, and had good receivers, but they had two problems. First, the freq output was digital, and the digital circuitry was so noisy, I had the "factory" install an on-off switch to disable the display when it wasn't needed. Second, it has a DC receiver, with double images of each signal. I am, I admit, tired of DC receivers. I think the current owner of at least one of my rigs is Jim Cates (who collects one of each QRP rig, I believe.)

I reviewed this rig favorably (in its time it was among the best available) in about 1989 in the QRP Quarterly. I have a copy of that isssue still, if you would like a copy of the article.

Hope this helps.

72,  
Preston WJ2V

-----  
Date: Sun, 26 Oct 1997 10:08:49 -0600 (CST)  
From: "Jeff M. Gold" <JMG@tnitech.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [29645] Wilderness Email  
Message-ID: <01IP9BUEGW6Q8WW00Z@tnitech.edu>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

anyone know a way to get in touch with Wilderness Radio vai email?  
I finally got to work on my SST and missing two parts (J1, D9).

thanks in advance for any help.

72

Jeff, AC4HF

PS.. really cool looking kit

-----  
Date: Sun, 26 Oct 1997 10:10:36  
From: "Vernon A. Hatley" <vhatley@flash.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29646] FS:Omni C (loaded)  
Message-ID: <3.0.3.16.19971026101036.284fa36c@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Mint; 9.5+ on 1 to 10 scale; Ten Tec Omni C. Has every factory option and upgrade; 500hz & 1.8khz filters; all three WARC bands 30, 17, & 12 meter crystals installed. Manual and power cord with circuit breaker.  
\$525 shipped CONUS, CODs welcome (additional fee)

--  
KK5RO  
Vernon A. Hatley  
Shawnee, OK

-----  
Date: Sun, 26 Oct 1997 10:38:12 -0600 (CST)  
From: "Bruce C. Williams" <n9jcv@wwa.com>  
To: qrp-1@lehigh.edu  
Subject: [29647] 31 issues of 5 Watter for Trade  
Message-ID: <Pine.BSI.3.95.971026103439.435A-100000@shoga.wwa.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have 31 different issues of the Michigan QRP club's 5 Watter for trade for 1 single issue of the QRP Quarterly. I need the October 1997 issue of the QRP Quarterly, (dummy me I let my subscription lapse).

If you send me the Oct 1997 issue of the Qrp Quarterly, I will send you all 31 issues (I will even pay the postage).

Please reply if interested, so I can hold the issues for you.

Bruce N9JCV QRP ARCI #8267



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Date: Sun, 26 Oct 1997 10:29:14 -0600 (CST)  
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>  
To: qrp-1@lehigh.edu  
Subject: [29648] Dillo  
Message-ID: <Pine.OSF.3.96.971026102424.21296A-1000000@moe.cc.utexas.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hey gang,

In spite of nasty cold front that dropped our temps into the 60's, I'll be on 20 meters early and 40 meters late for those bonus Dillo points. Will be wearing my official Bubba hat as well. See my web page only if you have a strong stomach for things Texan. Go to:  
<http://www.uts.cc.utexas.edu/~hansong/> and look for the Bubba link.

See y'all later this afternoon.

Cheers,

Gary, KJ5VW

-----  
Date: Sun, 26 Oct 1997 11:45:28 -0500  
From: "HB Electronics (Bob Berlyn)" <hb\_elec@ids.net>  
To: qrp-1@lehigh.edu  
Subject: [29649] Audio Filters  
Message-ID: <3.0.1.32.19971026114528.0069b4b0@mail.ids.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Good morning everyone,

I ran across an interesting filter chip from Maxim. A MAX274/275. The chip has built in capacitors and amplifiers, which together with external resistors form lowpas and bandpass filtered outputs.

The design procedure in the data sheet looks straight forward, and you can configure it as Low, High, Notch, and Bandpass. Might be a good chip for an audio filter either CW or SSB.

Has anyone any experience using this as CW audio filter ?

Looks interesting

Bob N1PWU

-----  
HB Electronics  
E-Mail: hb\_elec@ids.net  
On The Web: <[http://users.ids.net/~hb\\_elec/](http://users.ids.net/~hb_elec/)>

-----  
Date: Sun, 26 Oct 1997 10:35:57 -0800 (PST)  
From: doug hauff <slmachco@fix.net>  
To: qrp-l@lehigh.edu  
Subject: [29650] NorCal Paddles/magnet bolts  
Message-ID: <199710261835.KAA08101@fletch.fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The Paddles are designed with sufficient clearance to position the head of the magnet attraction bolts on the INSIDE of the paddle shaft(toward the magnet). There is plenty of room to adjust the gap, I found that with my prototype set I could adjust them close to the magnet to get a decidedly stiff, hard pull, or turn them away to achieve a light, crisp feel...

72 Doug KE6RIE

PS magnet bolt clearance can be adjusted also by positioning the paddle shaft stop screws(and contacts)...Ain't it neat how adjustable these are?  
Good job K8FF!!

-----  
Date: Sun, 26 Oct 1997 18:52:18 -0500  
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
To: qrp-l@lehigh.edu  
Subject: [29651] FF paddle paint  
Message-ID: <3.0.16.19971026171952.2f4ff21e@som-uky.campus.mci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I remember seeing something about a spray enamel that almost exactly matched the "Heathkit green" as used on HW-8's and such. Would make a nice color scheme for the Norcal paddle. Anyone have this info?

Also, Antique Radio Supply has a wrinkle finish spray paint. It comes in Black, Grey, and Brown. If you order, ask for the free hint page on how to make your wrinkle finish wrinkle.

For some reason, the brown is twice as expensive as the others, but that's what I'm gonna use.

I like K5FO's color... reminds me of the old "japanned" finish on the Vibroplexes.

fyi - Rich

-----  
Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>  
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

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Date: Sun, 26 Oct 1997 15:06:16 -0400  
From: "Steven Pituch" <n2mnn@spacegate.com>  
To: "QRP-L message" <qrp-l@Lehigh.EDU>  
Subject: [29652] QRP Rigs for Sale  
Message-ID: <00e214906201aa7NS@spacegate.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi all,

Well my little Fox-son John, KC2CFZ, wants to build, and I always like an excuse to build. We have a get rid of some of our kit rigs if we are to do any more building, so the following are for sale.

Wilderness Sierra

6 bands, mods for ABX with the torroid, and also a high voltage LM-386. Variable output power control on rear panel. Also has sidetone zero beat button on rear panel so you can zero beat a station without QRMing them. This almost guarantees a contact. This is the rig that I've gotten most of my 45 milliWatt states on (950 mW), and used for Field Day. Includes KC-2, and Wilderness Sierra/KC-2 front panel. Power output as measured from my

OHR WM-1 is 3.560 mHz 2.0 W, 7.040 mHz 2.9 W, 7.112 mHz 2.8 W, 10.116 mHz 2.6 W, 14.060 mHz 1.9 W, 18.075 mHz 1.8 W, 21.060 mHz 1.7 W, 21.116 mHz 1.7 W. (Note the WM-1 reads 10% higher than my HB RF probe. Don't know which one is correct.) KC-2 has very nice and neat wiring harness. Perfect exterior. The price is \$459, which is the replacement cost minus shipping. I will pay the shipping and insurance.

#### Wilderness NC40a

This rig is stock, but also has KC-1. Puts out about 2.2 W on 7.040. Tunes now from 7.009 to 7.059. Can be retuned for Novice band. Perfect exterior. I will sell for \$160 which is below replacement cost. I will pay shipping and insurance. Just had a QSO with VE3BEX with this one for 30 minutes.

#### OHR Spirit 40 Meter XCVR

This is a nice and very heavy duty rig. Built-in Curtis keyer, and side tone button so you can zero beat stations without QRMing them. WM-1 reads 5 W at 7.040. This kit has diode mixers, and nice filtering. Can be retuned for the Novice band. This kit is in a larger case than the others, 4" x 6.5" x 7.5", not for backpacking. The front panel is nice, a few minor chips on the paint of the clamshell case halves that can be touched up easily with flat black paint.

The price is \$130 shipped. Just had a QSO with ND3X in Baltimore with this one.

What are we going to replace these with? Maybe another Sierra, and maybe the K2. Can't wait to hear about the K2.

72,

Steve, N2MNN  
and  
John, KC2CFZ

-----  
Date: Sun, 26 Oct 1997 14:24:49 -0500  
From: Hank Kohl K8DD <k8dd@contesting.com>  
To: qrp-l@lehigh.edu  
Subject: [29653] Daylight Savings -> Standard time

Message-ID: <3.0.1.32.19971026142449.00c41374@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Ok....So how many did not set their UTC clocks back an hour?

73     Hank     K8DD

Spring ahead, Fall back  
    So turn it back in the spring to get an extra hour  
    And ahead in the fall to give the hour back?

-----  
Date: Sun, 26 Oct 1997 15:54:02 -0500 (EST)  
From: aa8yo@tir.com (Bob Fox)  
To: qrp-l@Lehigh.EDU  
Subject: [29654] Re: Daylight Savings -> Standard time  
Message-ID: <199710262054.PAA07390@sun.tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Ok....So how many did not set their UTC clocks back an hour?  
>  
>73     Hank     K8DD  
>  
>Spring ahead, Fall back  
>     So turn it back in the spring to get an extra hour  
>     And ahead in the fall to give the hour back?

Hank / Gang,

Hopefully not many.    UTC does not 'spring ahead, fall back'  
like local time does.....

73 - Bob / AA8Y0

-----  
    e-mail: aa8yo@tir.com  
    FISTS #3056    QRP-L #1174  
QRP-ARCI #9487    MI-QRP #1595  
    Amateur Radio Operator  
    Amateur Civil War Historian  
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-----  
Date: Sun, 26 Oct 1997 15:59:26 EST  
From: w4bws@juno.com (Donald E Sanders)  
To: k8dd@contesting.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [29655] Re: Daylight Savings -> Standard time  
Message-ID: <19971026.171131.2183.1.W4BWS@juno.com>

Hank, hope you didn't set your UTC clock back --you will miss the foxes-  
just set your local clocks back if your local was on DST.

Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937  
407-779-0222 Fax 407-779-0830  
E-mail to w4bws@juno.com  
My favorite QRP rig glows in the dark

On Sun, 26 Oct 1997 14:24:49 -0500 Hank Kohl K8DD <k8dd@contesting.com>  
writes:

>Ok....So how many did not set their UTC clocks back an hour?

>

>73 Hank K8DD

>

>Spring ahead, Fall back

> So turn it back in the spring to get an extra hour

> And ahead in the fall to give the hour back?

>

>

>

>

-----  
Date: Sun, 26 Oct 1997 16:00:57 -0500 (EST)  
From: NilsBull@aol.com  
To: QRP-L@Lehigh.EDU  
Subject: [29656] Attic roof antenna loops & twirls & old radio stuff  
Message-ID: <971026155842\_1735352886@emout09.mail.aol.com>

Fellow loonies,

I had a nice Q with Jeff (WB5GWB) this norming before the new waffle maker  
got its first test run. Then, after breakfast, I was up in the attic trying  
to find the best way not to fall through the ceiling of the younger son's bed

room. Put up two loops, one for 10 and one for 15. Very tricky stuff, thems.

I know that somewhere there is a fancy program that'll let me figure how to squeeze X about of wire in a delta or square with Y amoung of head room and a sloping roof beam angle of Z. But I ain't got that and probably couldn't pronounce it anyway, so I was up there messin' with the staple gun (didn't nail a finger to the beams once . . . strangely enough) and havin' a good time cussin'.

So now I have not loops in the attic but a couple perverted Vs hosed together with some wire or something. I got tired of the gymnastics and just stapled anything that looked like needing it.

Now once the QRO SSB contest is retired from 40 meters, I'll have to try 'em out. The staples, that is. But between now and then, I'll read some more of Ade's history of QRP stuff. Makes me wish I still had that collection of ol' four-prong tubes & a bunch of small-diameter copper pipe. That and the right kind of batteries. (Which is another point . . . Can you imagine cartin' all them batteries around? My mind boggles. It does that a lot anymore.)

And looking over two 1935 QSTs that I somehow mysteriously got somewhere, I got started thinking about how hobby stuff then is different from hobby stuff now. Like W3SI's station, shown on page 44 of the June, 1935 QST. "This station, with Myers operating made a world's record score of 41,000 points in the recent DX contest" is the slug under one picture.

Of course, the picture shows what is probably a corner of a room full of tubes and racks and dials and meters and stuff. Looks more like a broadcast station than a ham set-up.

The story says "Plate voltage for all transmitters is obtained from three power supplies. The smallest furnishes 800 volts at 300 mils and operates the crystal and doubler stages. A 2000-volt palte supply furnishes power for the driver stages . . . final amplifiers use a 4.7-KVA transformer giving 4000 volts . . ." Sounds like a big time contest station today, 'cept for all the techno differences.

And some of those other stations were damn near idyllic lookin'. Carpet one guys got (W9DUD's is elegant . . . pg 46, Jan. 1935 QST). Or excellent examples of function married blissfully to form (W2GIA's set-up, page 47 same year). Somewhere in time there was once a beautiful bunch of woodwork done on that one. Which I compare with Ade's "college transceiver" (page 11 "History"), something that looks about as dangerous as I could tolerate being around . . . wonder what Ade's room mate thought of that thing . . . )

Of course, this is all nicely offset by Floyd Vanderpoel's article on a plug-in coil regen set, titled "A Portable Receiver that Delivers the Goods." (Don't you just love pre-WWII rhetoric? Ade's history book is full of quotes

of this kind of stuff.) Neat box of stuff, too. Kinda makes me wish I had a nice work shop to punch holes in chassis metal &c. The rig described uses a 6D6 as detector and a 76 as AF amp. The picture of the innards of the radio (page 29) shows what is to me best-case scenario shop skills. Hmmm . . . hmmm. . .hmmm.

And there's the article "A General Purpose 50-Watt Transmitter" on page 16 of the January 1935 QST that'd be really neat to try. Made on a chunk of wood chassis with probably a fiber or masonite (what was that stuff they used on them radio panels back then?) with a meter stuck on top of the beast. Separate antenna tuner. Plug in coils. The kind of stuff that was in the handbooks when I was a kid trying to figure a way to get around learning the code. (No no-code tech licenses back then.) One 2A5 oscillator, a pair of 2A5s in buffer/doubler and two 801s in the PA. Fire insurance?

Sad fact is, I like the old tube stuff. It looks so, well, home-brew. And dangerous. Ah, the joy of touching the wrong wire at the wrong time. (Like the old CW osculator that I got somewhere what was cathode keyed. A couple times across the keying line with that puppy and I learned a whole new version of "sailor french.") And you can't hardly get them coil forms any more. All them donut coils take the fun out of it, don't they?

Didn't stop me from building a one-tuber once. . . forget what I had for the triode. Tune a cap here, tune a cap there, hope to hell it don't arc and spark a fire. Never tried it out on the air . . . the tube was too precious to me then. I think I've still got some of 'em around the bat-roost somewhere. As if I could find 'em.

You can just imagine what I'm gonna do when I get around to reading the "Joy of QRP" stuff. Radios in lunch boxes. In file card boxes (remember that one?) and cigar boxes. (Yeah, now there's a treat . . . turn the thing on and it smells like Fidel. Hmmm . . . Los lacayos del imperialismo yanqui! La patria o muerte! Venceremos!)

Oh well . . . back to the chicken coop . . .

73  
Nils  
WB8IJN &c

-----  
Date: Sun, 26 Oct 1997 21:09:54 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: k8dd@contesting.com, qrp-l@Lehigh.EDU  
Subject: [29656] Re: Daylight Savings -> Standard time



Message-ID: <19971026210952.AAA23552@LOCALNAME>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 07:24 PM 10/26/97 +0000, you wrote:

>Ok....So how many did not set their UTC clocks back an hour?

>

>73 Hank K8DD

>

>Spring ahead, Fall back

> So turn it back in the spring to get an extra hour

> And ahead in the fall to give the hour back?

>

>

>

>ONE NEVER resets his UTC clock! Just the local clocks!

UTC/GMT should never be tampered with! Under any circumstances!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

\*\*860 Hartley 'ECO' under construction\*\*\*\*

-----  
Date: Sun, 26 Oct 1997 17:10:34 -0500 (EST)

From: SNickrand@aol.com

To: w4ed@flash.net, qrp-l@Lehigh.EDU

Subject: [29657] Answer to: Anyone know Part# for Yaesu AMP/Molex?? Power connector.??

Message-ID: <971026170810\_1723715410@emout07.mail.aol.com>

The universal, 6 pin plastic connector which is used in Yaesu and several other brands for power connection is available through Universal RADIO

800-431-3939 for about \$5 each. Bill KB9KOL

-----  
Date: Sun, 26 Oct 1997 15:12:27 -0700

From: wa5whn@juno.com

To: qrp-l@Lehigh.EDU

Subject: [29658] 10 meters over the weekend (25 October)

Message-ID: <19971026.151230.2678.1.wa5whn@juno.com>

WOW !!! 10 meters was open from DM65qd (maidenhead grid square) into Central & South America, plus the Pacific. It was wall to wall stations during this weekend contest period. I was cherry picking, strictly QRP on 10 meters SSB (Uniden HR2510, 3 element monoband beam) (28.3 - 28.5 MHz). Wahoo !

N/T FOX on Sunday ? Gee, stoke that fusion reactor, charge the dilithium xtals. I am ready. ;-) When is FYBO ? I may have to change out the fuel rods, in the reactor, for that event. ;-) I had burned them up trying to find Armadillos. Jose - AB7TT, I had heard that rumor too, about the Az. scQRPions teaming up with the NM side of the border. Something about a combined effort to stop a combined Calif. & Texas invasion.

Armadillos ? Gee, I did not see a one of them critters cross the border over the weekend. They must be stuck up in the snow, in Colorado, or in the baggage claim area @ DIA. :-)

BTW, Wal-Mart had a sale on the 34 amp/hr. deep cycle batteries, ~ \$34.00, with exchange. A shade larger in size, than the motorcycle batteries.

Back to my siesta...Jay, WA5WHN DM65qd

Albuquerque, NM USA

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Date: Sun, 26 Oct 1997 13:40:29 -0900  
From: "Jim, Nancy, Juliann, and Issei" <larsennnc@alaska.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29659] Propagation is not from Alaska  
Message-ID: <3453C6DD.687B@alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am up to a massive 3 QSOs for 1 hour and 38 minutes. All I can hear

are AZ and NV and no others. I suppose maybe there are no others out there and the world has shrunk down to just the bare necessities of AK, AZ and NV. Yeah, right. :-)

Respond direct please, how are band conditions from your perspective on 20 meters?

73, Jim, AL7FS

--

Jim Larsen, ex-WA0LPK  
Acupressure Anchorage  
Anchorage, Alaska

-----  
Date: Sun, 26 Oct 97 17:41:12 cst  
From: "Royce Rainwater" <ke5tc@cwis.net>  
To: "qrp-l internet club" <qrp-l@Lehigh.EDU>  
Subject: [29660] DD-1  
Message-ID: <MAPI.Id.0016.00653574632020203030303530303035@MAPI.to.RFC822>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: 7bit

Just finished the Oak Hills digital dial for my qrp classic. Works great! I also finished the WM-2 qrp watt meter last week it also works.. For me thats quite an accomplishment. I may should have saved the kit building for this cold, windy weather we are having here in OK. No snow or ice ant. should be ok. Now its fox hunting again this week..

72 Royce

-----  
Date: Sun, 26 Oct 1997 18:04:17 -0500 (EST)  
From: ARDUJENSKI@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [29661] TESTING DOUBLE-ZEPP TONITE  
Message-ID: <971026175904\_1567701419@emout02.mail.aol.com>

\*\*\*\*\*N/T+FOX to test DOUBLE-ZEPP\*\*\*\*\*

Put up a DOUBLE -ZEPP as shown in July CQ. I am hopig for about a 1.5-1.9db gain so you East Coasters should get a little better sig than last week. Band has been lousy so little chance to test it beforehand. (almost virgin).

I have noticed a lower noise level on this installation so it might be helpful in the pileup

Alan KB7MBI

-----  
Date: Sun, 26 Oct 1997 17:04:41  
From: "Vernon A. Hatley" <vhatley@flash.net>  
To: qrp-1@Lehigh.EDU  
Subject: [29662] Omni C SOLD  
Message-ID: <3.0.3.16.19971026170441.1dd785c2@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The mint Omni C has been sold. Thanks.

--  
KK5RO  
Vernon A. Hatley  
Shawnee, OK

-----  
Date: Sun, 26 Oct 1997 18:40:42 -0500 (EST)  
From: Martin Squicciarini <skitch@resuba.com>  
To: qrp <qrp-1@lehigh.edu>  
Subject: [29662] QSL cards  
Message-ID: <Pine.LNX.3.91.971026184015.32308A-1000000@resuba.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just got a cpy of Print Shop and I want to design my own QSL cards. Does anyone have the graphics for all the QRP clubs (ie NorCal, QRP ARCI, FIST)? Even better if anyone has made their cards using Print Shop would you mind sending me the file. TIA

72/73  
Marty Squicciarini NR3Z  
skitch@resuba.com (home)

End of QRP-L Digest 890

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